

CLAIMS

What is claimed is:

- A2
- [00090] 1. A user status device for a mobile station having at least one wireless transceiver comprising:
- a proprioceptive sensor having a state; and
 - at least one mobile station conduit coupled to the proprioceptive sensor for carrying a signal of the proprioceptive sensor to the mobile station.
- [00091] 2. The user status device of claim 1 further comprising:
- a processor for converting a keypad event to a character encoding selected from a set of character encodings based on the orientation state.
- [00092] 3. The user status device of claim 2 wherein the processor comprises a mobile station coupled to the mobile station conduit.
- [00093] 4. The user status device of claim 1 wherein the proprioceptive sensor further comprising:
- a reflection detector.
- [00094] 5. The user status device of claim 4, wherein the mobile station has a processor and at least one key, and wherein the state comprises an orientation state.
- [00095] 6. The user status device of claim 5 wherein the orientation state comprises:
- a reflect state wherein said reflection detector detects a reflection signal above a magnitude.
- [00096] 7. The user status device of claim 5 wherein the orientation state comprises a neutral state wherein said reflection detector detects a reflection signal below a magnitude.
- [00097] 8. The user status device of claim 4 wherein the reflection detector further comprises:
- a directional transmitter transmitting a signal in at least one direction;
 - a directional receiver sensitive to the signal in the at least one direction; and

a pendulum attached to the mobile station near the directional receiver.

[00098] 9. The user status device of claim 2 wherein the proprioceptive sensor comprises an inclinometer having a state selectable from at least two orientation states.

[00099] 10. The user status device of claim 2, wherein the processor comprises:

a means for detecting a first keypad event and a first orientation state; and

a means for selecting a character encoding based on the first keypad event and first orientation state.

[000100] 11. The user status device of claim 2, wherein the processor comprises:

a means for detecting at least one keypad event selected from at least two keypad events; and

a means for selecting a character encoding based on the at least one keypad event and the state.

[000101] 12. The user status device of claim 10, wherein the means for detecting comprises a means for detecting a key-up event and a key-down event for a key of the mobile station.

[000102] 13. The user status device for a mobile station of claim 1 wherein the mobile station has a processor and a local storage and a keypad having at least one key, the user status device comprising:

a means for converting a keypad event to a character encoding selected from a set of character encodings based on the orientation state.

[000103] 14. A method to control an entity in a mobile station having at least one wireless transceiver comprising the steps of:

detecting an acceleration vector of a proprioceptive sensor; and

transmitting a message through the at least one wireless transceiver based on the acceleration vector.

[000104] 15. The method of claim 14 wherein the message comprises at least one machine instruction:

a proprioceptive sensor having an orientation state; and

at least one mobile station conduit coupled to the proprioceptive sensor.

[000105] 16. The method of claim 14 wherein the entity has a set of instructions and the message comprises the set of instructions.

[000106] 17. The method of claim 14 further comprising the step of:
making a feedback sound.

[000107] 18. The method of claim 14 further comprising the step of:
making a feedback vibration.

[000108] 19. The method of claim 14 wherein the entity has a set of instructions and the message comprises the set of instructions.

[000109] 20. A method to send a feedback contextual response to a calling voice device comprising the steps of:

detecting at least one acceleration during a time interval;

detecting an incoming signal from a calling device;

selecting a announcement based on the at least one acceleration;

and

transmitting the announcement.

[000110] 21. The method of claim 20 wherein the step of detecting at least one acceleration further comprises the step of:

detecting at least two accelerations; and

determining an average acceleration based on the at least two accelerations.

[000111] 22. The method of claim 19 further comprising the step of determining

if the average acceleration is within a tolerance of a neutral position acceleration vector.

- A2
- [000112] 23. The method of claim 20 further comprising the steps of:
- detecting a second at least one acceleration; and
 - selecting an alert based on the second at least one acceleration.
- [000113] 24. The method of claim 21 further comprising the step of:
- selecting the announcement based on the second the at least one acceleration.
- [000114] 25. The method of claim 24 wherein said announcement is a sound recording.
- [000115] 26. The method of claim 24 wherein said announcement is a text message.
- [000116] 27. The method of claim 24 wherein said announcement is a mode.